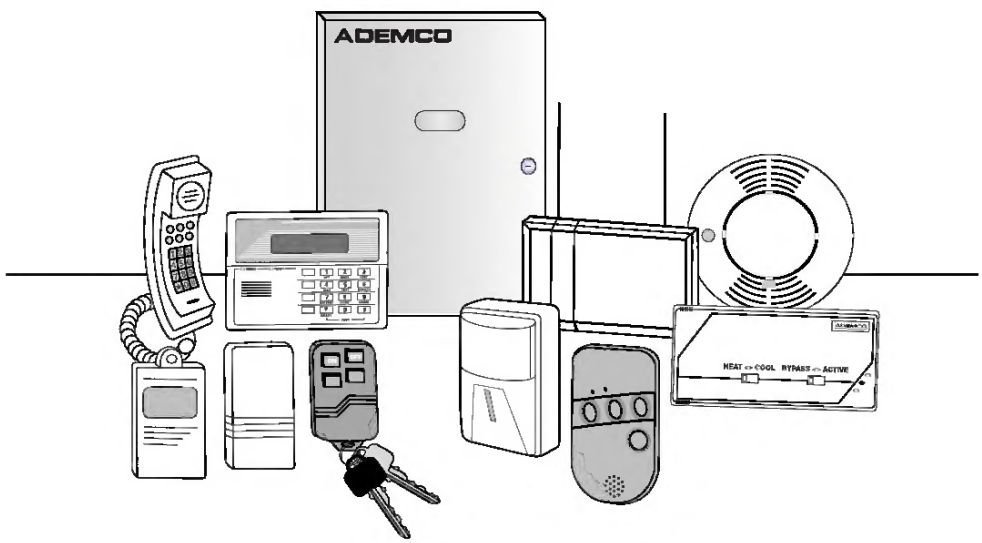
VISTA-15
VISTA-15CN
Security System

User Guide



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K3893V1 3/00

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System Overview

General Information

Congratulations on your ownership of an ADEMCO Security System. You've made a wise decision in choosing this system because it represents the latest in security protection technology available today. ADEMCO is the world's largest manufacturer of security systems, and millions of premises are protected by ADEMCO.

The VISTA-15 offers you three forms of protection: burglary, fire, and emergency. Your system consists of at least one keypad, which provides control of system operation. The system includes various sensors that provide perimeter and interior burglary protection, plus smoke or combustion detectors designed to provide early warning in case of fire.

The VISTA-15 uses microcomputer technology to monitor all protection zones and system status, display appropriate information on the keypad(s) used with the system, and initiate appropriate alarms. Your system may also have been programmed to automatically send alarm or status messages over the phone lines to a central alarm monitoring station.

Zones

Your system's sensing devices have been assigned to various "zones." For example, the sensing device on your entry/exit door may have been assigned to zone 01, sensing devices on windows in the master bedroom to zone 02, and so on. These numbers will appear on the display, along with a description for that zone (if programmed), when an alarm or trouble condition occurs.

Burglary Protection

Your VISTA-15 provides five modes of burglary protection: STAY, NIGHT-STAY, AWAY, INSTANT, and MAXIMUM, and allows you to bypass selected zones while leaving the rest of the system armed. You must turn on (arm) the burglary protection portion of your system before it will sense burglary alarms. The system also provides a CHIME mode, for alerting users to the opening of protected doors and windows while the system is disarmed. Refer to the other sections of this manual for procedures for using these features.

The following table lists the five different arming modes and the features of each.

ARMING MODE	FEATURES OF EACH ARMING MODE			
	Exit Delay	Entry Delay	Perimeter Armed	Interior Armed
AWAY	Yes	Yes	Yes	Yes
NIGHT-STAY	Yes	Yes	Yes	Yes*
STAY	Yes	Yes	Yes	No
INSTANT	Yes	No	Yes	No
MAXIMUM	Yes	No	Yes	Yes

* for selected interior zones (ask your installer about the included zones)

Security Codes

At the time of installation, you were assigned a personal four-digit security code, known only to you. You must enter the security code when arming and disarming the system, and when performing other system functions. As an additional safety feature, other users who do not need to know your code can be assigned different security codes. Refer to the ***Security Codes*** section for procedures on adding security codes to the system.

Fire Protection

The fire protection portion of your security system (if used) is always active and will sound an alarm if a fire condition is detected. Refer to the ***Fire Alarm System*** section for important information concerning fire protection, smoke detectors, and planning emergency exit routes from the premises.

Alarms

When an alarm occurs, both the keypad and external sounders will sound, and the keypad will display the zone(s) causing the alarm. If your system is connected to a central monitoring station, an alarm message will also be sent. To stop the alarm sounding, simply disarm the system.

Cross Zoning

Cross zoning is used to prevent false alarms. Up to 10 zones can be linked together in your security system (programmed by the installer). If any of the 10 linked zones faults in the armed state, the system will wait to see if a second zone faults within a programmed period of time. When the second zone faults, alarms will be sent out for both zones (if programmed), the alarm bell will sound, and the two zones in alarm will be displayed on the keypad.
However, if another fault does NOT occur within the programmed period of time, only a Trouble report will be sent to the monitoring station and no message will be displayed on the keypad until the system is disarmed.

Memory of Alarm

When an alarm condition occurs, the keypad displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm (e.g., **FIRE**, **ALARM**). It remains displayed until it is cleared by disarming the system (see the ***Disarming and Silencing Alarms*** section).

Phone Access & Voice Response Capability

Your system may include a voice module that permits you to access the system via a TouchTone phone, either on-premises or by call-in when away. The phone access feature will enable you to do the following:

- Receive synthesized voice messages over the telephone regarding the status of the security system.
- Arm and disarm tbe system and perform most function commands via the telephone, with voice confirmation provided after each command entry.

Paging Feature

If the paging feature has been programmed for your system, your pager will respond to certain conditions as they occur in your system. Your pager will display code numbers indicating the type of condition that has occurred. Refer to the ***Paging Feature*** section for more detailed information.

Entry/Exit delays

General Information

The VISTA-15 has preset time delays, known as exit delay and entry delay. Wbenever you arm your system, exit delay gives you time to leave through the designated exit door without setting off an alarm. Exit delay begins immediately after entering any arming command, and applies to all modes of arming protection. If it is programmed, a slow beeping will sound throughout the exit delay period, with fast beeps during the last 10 seconds.

Entry Delay gives you time to disarm the system when you re-enter through the designated entrance door. But you must disarm the system before the entry delay period ends, or an alarm will occur. The keypad beeps during the entry delay period, reminding you to disarm tbe system. There are two entry delays (if programmed). The first is for your primary entrance and the second can be used for a secondary entrance, where a longer delay is required to give you enough time to walk to the keypad to disarm the system.

You can also arm the system with no entry delay at all by using either the INSTANT or MAXIMUM arming mode. These modes provide greater security while you are on the premises.

See your installer for your delay times (you may want to record them below).

Exit delay : ☐ seconds

Entry delay 1: ☐ seconds

Entry delay 2: ☐ seconds

Entry/Exit delay (cont'd)

Exit Alarms

To minimize false alarms sent to the alarm monitoring company, your system may have been programmed for this feature. Ask your installer if Exit Alarm is active for your system.

☐ Exit Alarm Active

Whenever you arm the system, the exit delay begins. If an entry/exit door or interior zone is faulted when the exit delay ends (e.g., exit door left open), the system sounds an alarm and starts the entry delay timer. If you disarm the system before the entry delay ends, the alarm sound stops and the message **CANCELED ALARM** or **CA** is displayed on the keypad, along with a zone number indicating the faulted zone. No message is sent to the alarm monitoring company.

To clear the exit alarm condition, the open zone must be made intact. To clear the display, enter your 4-digit security code plus OFF key.

If you do not disarm the system before the entry delay ends, and an entry/exit door or interior zone is still open, the alarm sound continues and an exit alarm message is sent to the alarm monitoring company. The message **EXIT ALARM** or **EA** is displayed on tbe keypad, along with a zone number indicating the faulted zone. To stop the alarm, the system must be disarmed (by entering your code plus OFF). To clear the display, enter your code plus OFF a second time.

An exit alarm also results if an entry/exit door or interior zone is faulted within 2 minutes after the end of the exit delay.

IMPORTANT

If the keypad beeps rapidly when you enter the premises, it means that an alarm has occurred during your absence and an intruder may still be on the premises.

LEAVE IMMEDIATELY AND CONTACT THE POLICE from a nearby safe location.

General Information

Your keypads allow you to control all system functions. The keypads feature a telephone-style (digital) keypad and a Liquid Crystal Display (LCD) that shows the nature and location of all occurrences.

The keypads contain a built-in loudspeaker (sounder) that will annunciate during alarms and troubles. The keypads also beep during certain system functions, such as during entry/exit delay times, in **CHIME** mode, and when you depress any of the keys (to acknowledge the key press).

There are two basic types of keypads: the **fixed-word** keypad and the **alpha** keypad (both described below).

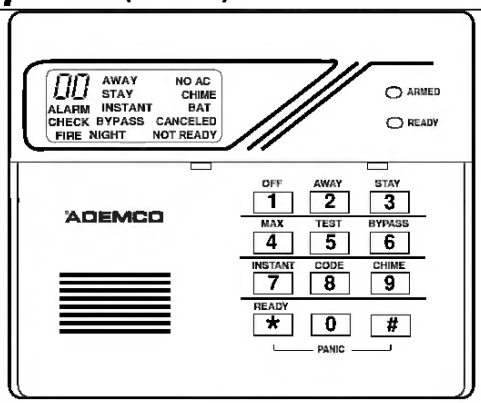
Two-Line Alpha Keypad

Two-line alpha keypads feature a 2-line, 32-character alphanumeric LCD that display system messages in English. The typical alpha keypad (6139) is shown on page 12. These keypads can also be programmed with custom zone descriptors. **The screen displays depicted in this manual are those that typically appear on a 2-line alpha keypad.**

Fixed-Word Keypad

Fixed-word keypads are functionally identical to alpha keypads, but the LCD display uses predesignated words to identify the nature and location of occurrences. The typical fixed-word keypad (6128) is shown on the next page.

About the Keypads *(cont'd)*

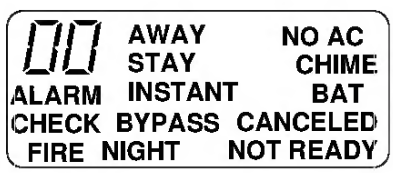


6128
FIXED-WORD KEYPAD

AWAY: All burglary zones, interior and perimeter, are armed.

STAY: Perimeter burglary zones, such as protected windows and doors, are armed.

NIGHT & STAY: (NIGHT-STAY) Perimeter burglary zones such as protected windows and doors are armed, as well as selected interior zones.



FIXED-WORD KEYPAD DISPLAY

INSTANT: Perimeter burglary zones are armed and Entry Delay is turned off.

AWAY & INSTANT: (MAXIMUM) All burglary zones, interior and perimeter, are armed, and Entry Delay is turned off.

BYPASS: One or more burglary protection zones have been bypassed.

NOT READY: The burglary portion of the system is not ready for arming (due to open protection zones).

READY: The burglary system is ready to be armed.

NO AC: AC power has been cut off. System is operating on backup battery power.

AC: AC power is present.

CHIME: The Chime feature is activated.

BAT: There is a low-battery condition in a wireless sensor (if zone number is displayed) or a low system battery (if no zone number is displayed).

ALARM: An intrusion has been detected and the system is armed (also appears during a fire alarm or audible emergency alarm). The protection zone in alarm is also displayed.

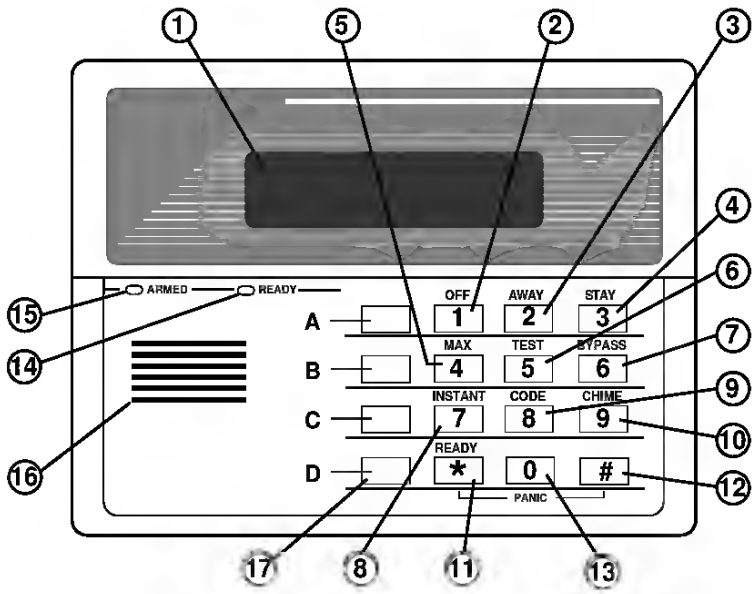
CHECK: A malfunction has been discovered in the system (at any time); or an open has been detected in a Fire zone (at any time); or a fault has been detected in a Day/Night burglary zone (during a disarmed period). The zone number in trouble is also displayed.

This message will be displayed if a hardwired zone is shorted (if the Hardwire Short Detection option is enabled). Ask your installer for details.

FIRE: A fire alarm is present. The zone in alarm is also displayed.

CANCELED: Appears when an alarm occurs and the system is disarmed before the monitoring station has been notified.

Functions of the Keypads



6139 2-LINE ALPHA KEYPAD

Fixed-word keypads are functionally similar, except for screen displays.

1. **DISPLAY WINDOW:** Fixed-word and 2-line Alpha Displays use Liquid Crystal Displays (LCDs) to display protection point identification and system status. 2-Line Alpha keypads also may display messages and user instructions.

2. **OFF** **KEY:** Disarms the burglary portion of the system, silences alarms and audible trouble indicators, and clears visual alarm trouble after the problem has been corrected.

3. **AWAY** **KEY:** Completely arms both perimeter and interior burglary zones for backup protection by sensing an intruder's movements through protected interior areas. Also guards protected doors, windows, etc. Entrance can be made through an entry delay zone without causing an alarm if the system is disarmed before the entry delay time expires.

4. **STAY** **KEY:** Arms the perimeter burglary sensors, guarding protected doors, windows, and other perimeter protection points, and sounds an alarm if one is opened. Interior protection is not armed, which allows movement within your house without causing an alarm. Entrance can be made through an entry delay zone without causing an alarm if the system is disarmed before the entry delay time expires. If this key is pressed twice in rapid succession, the system is armed in a higher level of security than STAY arming. This higher level is called NIGHT-STAY and incorporates all the features of the STAY mode, but also arms selected interior zones (ask your installer for further information).

5. **MAX** **KEY:** Arms in a manner similar to AWAY mode, but eliminates the entry delay period, thus providing maximum protection. An alarm will occur immediately upon opening any protection point, including entry delay zones.

6. **TEST** **KEY:** Tests the system and alarm sounder.

7. **BYPASS** **KEY:** Removes individual protection zones from being monitored by the system. Displays currently bypassed protection zones.

8. **INSTANT** **KEY:** Arms in a manner similar to STAY mode, but turns off the entry delay period, offering greater security while you are inside and not expecting any late visitors. An alarm will occur immediately upon opening any perimeter protection point, including entry delay zones.

9. **CODE** **KEY:** Allows the entry of additional user codes that can be given to other users of the system.

10. **CHIME** **KEY:** Turns the CHIME mode on and off. When it is on, any entry through a protected delay or perimeter zone while the system is disarmed will cause a tone to sound at the keypad(s).

11. **READY** **KEY:** When this key is depressed prior to arming the system, the keypad will display all open protection zones within the keypad's home partition.

Functions of the Keypads *(cont'd)*

12. [#] **KEY:** Permits arming of the system without entering a security code ("Quick Arm," if programmed). Also used to view the second line of single-line alpha keypads.

13. **KEYS 0-9:** Used to enter your individual security access code(s).

14. **POWER/READY INDICATOR:** On keypads with a "Power" LED, primary power is on when this is lit. If the indicator is off, system is operating on backup battery power. On keypads with a "READY" LED, system is ready to be armed if this indicator is lit. An unlit indicator means the system is not ready (a zone is open).

15. **ARMED INDICATOR:** (RED) Lit when the system has been armed in the STAY, NIGHT-STAY, AWAY, INSTANT, or MAXIMUM mode.

16. **INTERNAL SOUNDER:** Source of audible internal warning and confirmation sounds, as well as alarms (see ***Summary of Audible Notification*** section).

17. **A-B-C KEYS:** These keys may be used as PANIC keys, if Quick Arm (*21) is not enabled, or as Arming keys if Quick Arm is enabled. Keypads without this option use key pairs to activate panic alarms. Refer to ***Panic Keys and Arming*** section for descriptions of these keys.

    The D key, when available, is typically programmed to send a special message to a Pager. Refer to the ***Paging Feature*** section for details.

IMPORTANT!

When you use the keypad to enter codes and commands, press the keys within 2 seconds of one another. If 2 seconds elapse without a key depression, the entry is aborted and must be repeated from its beginning.

Checking for Open Zones

Using the [*] Key

Before arming your system, all protected doors, windows, and other protection zones must be closed or bypassed (see ***Bypassing Protection Zones*** section). Otherwise the keypad will display a **NOT READY** message. Pressing the [*] key will display all zones that are faulted, making it easier for you to secure any open zones.

NOTE: A green READY indicator (if present) on the keypad will be lit if the system is ready to be armed. If it is not lit, the system is not ready.

```
NOT READY - PRESS *
  TO SHOW FAULTS
```

1. [*]

Show faulted zones.
Press the [*] key. (There is no need to enter your security code in order to reveal faulted zones.)

2.
```
FAULT 05 FRONT
UPSTAIRS BEDROOM
```

Secure faulted zones.
Typical fault display shows open zone. Secure or bypass the zone(s) displayed before arming the system.

3.
```
****DISARMED****
READY TO ARM
```

Arm the system.
The **READY** message is displayed when all protection zones have been either closed or bypassed.

You may now arm the system as described on the following pages.

Arming Perimeter Only
(with Entry Delay ON)

Using the [3] Key
STAY

Use tbis key wben you are staying home, but expect someone to use the entrance door later.

When armed in STAY mode, the system will sound an alarm if a protected door or window is opened, but you may otherwise move freely throughout the premises. Late visitors can enter through the entrance door without causing an alarm, but tbey must disarm tbe system within the entry delay period or an alarm will occur.

Close all protected perimeter windows and doors before arming (see ***Checking for Open Zones*** section). The green READY indicator (if present) on the keypad should be lit if the system is ready to be armed.

1. [ ][ ][ ][ ] + [3]
   (Security Code) **STAY**

   Enter 4-digit security code, tben press the STAY key.

   Example: Press [7] [2] [9] [6], then [3]

   or, for quick arming (if enabled):

   Press the [#] key followed by the STAY key, or press and hold the [B] button (if available).

2. | ARMED ***STAY*** |
   | You may exit now |

   Listen for 3 beeps.
   The keypad beeps three times and displays the **ARMED STAY** message. The red ARMED indicator also lights.

   | ARMED ***STAY*** |

   The **You may exit now** portion of the message disappears when the exit delay time expires.

You can restart the exit delay at any time after arming in STAY mode by pressing the [*] key. This is useful if you wish to open the entry/exit door to let someone in or out after arming the system without having to disarm the system and then re-arm it again*.

* Refer to the note at hottom of page 19 dealing with the automatic Exit Restart feature

Arming Perimeter and Selected Interior Zones
(with Entry Delay ON)

Using the [3] Key to Arm Night-Stay
STAY

Use this key when you are staying home, but would like increased security by arming preselected interior zones.

When armed in NIGHT-STAY mode, the system will sound an alarm if a protected window or door is opened, or if one of the selected interior zones is faulted. You may re-enter through the entrance door without causing an alarm **IF** one of the selected perimeter zones is not faulted, but the system must be disarmed within the entry delay period or an alarm will occur.

Close all protected perimeter windows and doors before arming (see ***Check for Open Zones*** section). The green READY indicator on the keypad should be lit if the system is ready to be armed.

1. [ ][ ][ ][ ] + [3] + [3]
   (Security Code) STAY STAY

   Enter 4-digit security code, then press STAY key twice.
   Example: Press
   [7] [2] [9] [6], then [3] [3]

   or, for quick arming (if enabled):

   Press the [#] key followed by the STAY key twice, *or* **press and bold the [C] button** (if available).

2.
```
***NIGHT-STAY***
You may exit now
```

Listen for 3 beeps.
The keypad beeps three times and displays the **NIGHT-STAY** message. The **You may exit now** portion of the message disappears when the exit delay time expires.

You can restart the exit delay at any time after arming in STAY mode by pressing the [✳] key. This is useful if you wish to open the entry/exit door to let someone in or out after arming the system without having to disarm the system and then re-arm it again*.

* Refer to the note at bottom of page 19 dealing with the automatic Exit Restart feature.

Arming Perimeter Only
(with Entry Delay OFF)

Using the [7] Key
INSTANT

Use this key when you are staying home and do not expect anyone to use the entrance door.

When armed in INSTANT mode, the system will sound an alarm if a protected door or window is opened, but you may otherwise move freely throughout the premises. The alarm will also sound immediately if anyone opens the entrance door. **Close all protected perimeter windows and doors before arming** (see ***Checking for Open Zones*** section). The green READY indicator (if present) on the keypad should be lit if the system is ready to be armed.

1. [ ][ ][ ][ ] + [7]
   (Security Code) **INSTANT**

   Enter 4-digit security code, then press the INSTANT key.
   Example: Press [7] [2] [9] [6], then [7]

   or, for quick arming (if enabled):

   Press the [#] key followed by the INSTANT key.

2. ARMED *INSTANT*
   You may exit now

   Listen for 3 beeps.
   The keypad beeps three times and displays the **ARMED INSTANT** message. The red ARMED indicator also lights.

   The **You may exit now** portion of the message disappears when the exit delay time expires.

You can restart the exit delay at any time after arming in INSTANT mode by pressing the [*] key. This is useful if you wish to open the entry/exit door to let someone in or out after arming the system without having to disarm the system and then re-arm it again.

* Refer to the note at bottom of page 19 dealing with the automatic Exit Restart feature.

Arming All Protection
(with Entry Delay ON)

Using the [2] Key

AWAY

Use this key when no one will be staying on the premises.
When armed in AWAY mode, the system will sound an alarm if a protected door or window is opened, or if any movement is detected inside the premises. You may leave through the entrance door during the exit delay period without causing an alarm. You may also re-enter through the entrance door, but must disarm the system within the entry delay period or else an alarm will occur*.

NOTE: If the Auto Stay feature is enahled (ask your installer) and the system is armed from a hard-wired keypad, and no entry/exit zone is violated during the exit time, the system **will revert** to the STAY mode.

Close all protected perimeter windows and doors before arming (see ***Checking for Open Zones*** section). The green READY indicator (if present) on the keypad should he lit if the system is ready to be armed.

1. [ ][ ][ ][ ] + [2]
   (Security Code) **AWAY**

   Enter 4-digit security code, then press the AWAY key.

   Example: Press [7] [2] [9] [6], then [2]

   or, for quick arming (if enabled):

   Press the [#] key followed by the AWAY key *or* **press and hold the [A] button** (if availahle).

2. ARMED ***AWAY***
   You may exit now

   Listen.
   The keypad beeps twice, or heeps continuously if Exit Warning has been programmed for your system, and displays the **ARMED AWAY** message. The red ARMED indicator also lights.

   The **You may exit now** portion of the message disappears when the exit delay time expires.

* **NOTE:** There is an automatic Exit Restart feature built into your system. It works this way: If you realize that you forgot something and have to go back inside the premises (within the original exit delay time), as soon as you re-enter, a new exit delay time sequence is started. This restarting of the exit delay time occurs only once during each arming session, however; therefore you're permitted only one return without setting off alarms.

Arming All Protection
(With Entry Delay OFF)

Using the [4] Key
MAX

Use this key when the premises will be vacant for an extended period of time, such as during a vacation, or when no one will be moving through protected interior areas.

When armed in MAXIMUM mode, the system will sound an alarm if a protected door or window is opened, or if any movement is detected inside the premises. You may leave through the entrance door during the exit delay period without causing an alarm, but an alarm will be sounded as soon as someone re-enters.

Close all protected perimeter windows and doors before arming (see ***Checking for Open Zones*** section). The green READY indicator (if present) on the keypad should be lit if the system is ready to be armed.

1. [ ][ ][ ][ ] + [4]
   (Security Code) **MAX**

   Enter 4-digit security code, then press the MAXIMUM key.

   Example: Press [7] [2] [9] [6] then [4]

   or, for quick arming (if enabled):

   Press the [#] key followed by the MAX key.

2. ARMED *MAXIMUM*
   You may exit now

   Listen.

   The keypad beeps twice, or beeps continuously if exit warning has been programmed for your system, and displays the **ARMED MAXIMUM** message (**AWAY/INSTANT** on fixed-word keypads). The red ARMED indicator also lights.

   The **You may exit now** portion of the message disappears when the exit delay expires*.

* Refer to the note at bottom of page 19 dealing with the automatic Exit Restart feature.

Using the [1] Key
OFF

Use the **OFF** key to disarm the system and to silence alarm and trouble sounds. See ***Summary of Audible Notification*** section for information to help you distinguish between fire and burglary alarm sounds.

> **IMPORTANT:** If you return and the main burglary sounder is on, **DO NOT** enter tbe premises, but call tbe police from a nearby safe location. If you return after an alarm has occurred and the main sounder has shut itself off, the keypad will beep rapidly when you enter, indicating that an alarm has occurred during your absence and an intruder may still be on the premises. **LEAVE IMMEDIATELY** and **CONTACT THE POLICE** from a nearby safe location.

To disarm the system and silence burglary alarms:

1. [ ][ ][ ][ ] + [1]
   (Security Code) OFF

   Enter 4-digit security code, tben press the OFF key.
   Example: Press [7] [2] [9] [6] then [1]

2. ****DISARMED****
   READY TO ARM

   Listen for 1 beep.
   The keypad displays the **READY TO ARM** message (if no alarms have occurred while armed) and beeps once to confirm that the system is disarmed.

Memory of Alarm

If an alarm occurs, the keypad displays the zone number(s) that caused the alarm and the type of alarm. These messages remain displayed until cleared by a user.

To clear the display:

Note the zone number displayed and enter an OFF sequence.

☐☐☐☐ + 1 *
(Security Code) OFF

Enter 4-digit security code, then press the OFF key.*
Example: Press 7 2 9 6 then 1 *

If the **READY** message will not display, go to the displayed zone and correct the fault (close windows, etc.). If the fault cannot be corrected, notify your alarm company.

* In cases of an alarm, trouble, or **CHECK** message, the 4-digit security code and OFF key must be entered into the system two times to clear the display.

Using the [6] Key
BYPASS

This key is used when you want to arm your system with one or more zones intentionally unprotected. Bypassed zones are unprotected and will not cause an alarm when violated while your system is armed. **All bypasses are removed when an OFF sequence (security code plus OFF) is performed**. Bypasses are also removed if the arming procedure that follows the bypass command is not successful.

The system will not allow fire zones to be bypassed.

To bypass zones, the system must be disarmed first.

1. [ ][ ][ ][ ] + [6]
   (Security Code) BYPASS

   Enter 4-digit security code, then press the BYPASS key.
   Example: Press [7] [2] [9] [6] then [6]

2. [ ][ ]
   (Zone Numbers)

   Enter zone numbers.
   Enter the zone number(s) for the zones to be bypassed (e.g., 01, 02, 03, etc.).

   Important! All single-digit numbers must be preceded by a zero (for example, enter 01 for zone 1).

3. BYPASS 07 FRONT
   UPSTAIRS BEDROOM
   Typical bypass message

   Wait.
   The keypad displays the word **BYPASS** along with each bypassed zone number (and a zone descriptor if programmed). Wait for these zones to be displayed, to be sure that intended zones are bypassed.

4. DISARMED BYPASS
   Ready to Arm

   Arm as usual.
   Arm the system as usual when the keypad displays the **READY TO ARM** message.

Bypassing Protection Zones *(cont'd)*

Quick Bypass

Your system may allow you to easily bypass all open (faulted) zones without having to enter zone numbers individually. Ask your installer if this feature is active.

1. [ ][ ][ ][ ] + [6]
   (Security Code) **BYPASS**

   Enter 4-digit security code, then press the BYPASS key.
   Example: Press [7] [2] [9] [6] then [6]

2. BYPASS 07 FRONT
   UPSTAIRS BEDROOM
   Typical bypass message

   Wait.
   In a few moments, all open zones are displayed along with tbe word **BYPASS**. Wait for these zones to be displayed before arming. Arming the system before zones are displayed eliminates all bypasses.

3. DISARMED BYPASS
   Ready to Arm

   Arm as usual.
   Arm the system as usual when tbe keypad displays the **READY** message.

Displaying Bypassed Zones

For determining what zones have been bypassed, all bypassed zones can be displayed only when the system is disarmed, and when the **BYPASS** message shown in step 3 above is displayed.

1. [ ][ ][ ][ ] + [6]
   (Security Code) **BYPASS**

   Enter 4-digit security code, then press the BYPASS key.
   Example: Press [7] [2] [9] [6] then [6]

2. BYPASS 07 FRONT
   UPSTAIRS BEDROOM
   Typical bypass message

   Wait.
   In a few moments, all open zones are sequentially displayed along with the word **BYPASS**.

Using the [9] Key

CHIME

Your system can be set to alert you to the opening of a door or window† while it is disarmed by using CHIME mode. When activated, three beeps sound at the keypad whenever a protected perimeter door or window is opened.

† *Or selected doors or windows if chime-by-zone feature is active. Ask installer if this feature applies to your system.*

Pressing the [*] key will display the open protection points.

Note that the CHIME mode can be activated only when the system is disarmed.

To turn CHIME mode on:

1. [ ][ ][ ][ ] + [9]
   (Security Code) **CHIME**
   Enter 4-digit security code, then press the CHIME key.
   Example: Press [7] [2] [9] [6] then [9]

2. DISARMED CHIME
   Ready to Arm
   View.
   The **CHIME** message displays while CHIME mode is on.

To turn CHIME mode off:

1. [ ][ ][ ][ ] + [9]
   (Security Code) **CHIME**
   Enter 4-digit security code, then press the CHIME key.
   Example: Press [7] [2] [9] [6] then [9]

2. ****DISARMED****
   READY TO ARM
   View.
   The **DISARM CHIME** message disappears from the display.

Panic Keys

(For Manually Activating Silent and/or Audible Alarms)

Using Panic Keys

Your installer may have programmed your system to use special keys to manually activate panic functions. The functions that might be programmed are listed below. See your installer for the function(s) that are programmed for your system.

ACTIVE PANIC FUNCTIONS

KEYS	ZONE	FUNCTION
1 and ✱	95	
3 and #	96	
✱ and #	99	
A	95	
B	99	
C	96	

To use a paired-key panic function, simply press both keys of the assigned pair at the same time. If your keypad has lettered keys for panic functions, press the designated key and hold it down for at least 2 seconds to activate the panic function.

Types of Panic Alarms

A silent emergency sends an alarm signal to the alarm monitoring company,* but there are no audible alarms or visual displays.

An audible emergency sends an emergency message to the alarm monitoring company* and sounds a loud, steady alarm at your keypad and at any external sounders that are connected. (**ALARM** plus a zone number are also displayed).

A personal emergency alarm sends an emergency message to the alarm monitoring company* and sounds at keypads, but not at external sounders (**ALARM** plus a zone number are also displayed).

A fire alarm sends a fire alarm message to the alarm monitoring company* and uniquely activates keypad and external sounders (**FIRE** plus a zone number are also displayed).

**If your system is connected to an alarm monitoring company*

Using Device Commands

General Information

Your system may be set up so that certain lights or other devices can be turned on or off by using the device command from the keypad. Ask your installer if this has been done in your system. If programmed for your system, some devices may activate automatically upon certain system conditions. In this case, the following commands can be used to override the device activation. See your installer for a full explanation of this feature.

To Activate Devices

Enter security code, then press # + 7 + device number.

☐☐☐☐ + [#] + 7 + ☐

(Security Code) (Device Number)

Example: Press [7] [2] [9] [6] then press #, then press **7**, then enter the number representing the device you wish to activate. See your installer for device numbers assigned for your system.

To Deactivate Devices

Enter security code, then press # + 8 + device number.

☐☐☐☐ + [#] + 8 + ☐

(Security Code) (Device Number)

Example: Press [7] [2] [9] [6] then press #, then press **8**, then enter the number representing the device you wish to deactivate. See your installer for device numbers assigned for your system.

Device	Device #/Description
1	
2	
3	
4	

Paging Feature

General Information

If the Paging feature has been programmed for your system, your pager will respond to certain conditions as they occur in your system. This message appears in a 7-digit format explained below. You can also send up to 16 additional digits that may consist of PIN numbers, messages, reminders, etc. These 16 digits are programmed by your installer and will appear before the standard 7-digit message.

The [D] button, when pressed (if available), sends a special message to a pager and displays **Pager Msg sent** on the keypad for 30 seconds (on an alpha keypad). The message it sends is coded as 999-9999 and signifies ANY message the user and recipient have decided is appropriate.

Code Format

The 7-digit condition code that follows takes the following form: **SSS-00EE**

SSS = 3-digit event code: 911 = Alarm
811 = Trouble
101 = Opening (disarm)
102 = Closing (arm AWAY)

00EE = The first 2 digits will always be 00. They are followed by the 2-digit user number or zone number, depending on the event code.

Examples

Pager displays: 911–0004 . This indicates that your system is reporting an alarm (911) due to a fault in zone 4 (04). **Alarm** and **trouble** codes are always followed by the zone numbers in which they occur.

Pager displays: 101–0011 . This indicates that your system is reporting an open (101) by user 11 (0011). **Opening** and **closing** codes are always followed by the code number of the person who caused it to happen. User codes are individually assigned and programmed into the system by your installer.

General Information

As an additional safety feature, other users who do not need to know your code can be assigned different security codes. These secondary users are identified by "user numbers," which you select when you assign a user's security code. You can assign up to 14 additional user codes (user numbers 03-16), including the Temporary and Duress codes. Note that the master (primary) user of the system is the only one who can assign codes to secondary (or temporary) users, and is user number 02; user number 01 is reserved for the installer of the system.

All codes can be used interchangeably when performing system functions (a system armed with one user's code can be disarmed by another user's code), except the temporary code, described below.

Temporary Code

This code can be used to arm and disarm the system. It is typically assigned to someone (such as a babysitter) who needs to arm/disarm the system only at certain times. The temporary code is assigned to user 15. The user of this code sbould **not** use the Quick Arming feature described below. This code will automatically be removed wben the Master code is entered.

Duress Code

This feature is intended for use when you are forced to disarm or arm the system under threat. When used, the system will operate normally, but can silently notify the alarm monitoring company of your situation, if tbat service has been provided. Duress code is assigned to user 16.

Important: This code is useful only when the system is connected to an alarm monitoring company.

Security Codes *(cont'd)*

Quick Arming

Note that if Quick Arming was programmed by the installer, you can press the [#] key in place of the security code when arming the system. You must **always** use the security code to disarm tbe system, however.

To Add a User or Change a User's Code

Important: Temporary users of the system (e.g., babysitter, cleaning staff) should not be shown how to use any system function they do not need to know, such as bypassing protection zones.

You must make sequential key depressions for all steps in a procedure within 2 seconds of one another (e.g., perform steps 1, 2, and 3 below with no delay between steps), or else the entire entry is aborted and must be repeated from its beginning.

1. [ ][ ][ ][ ] + [8]
   (Master Code)

   Enter 4-digit Master code, then press the [8] key.

   Example: Press [2] [0] [5] [9] then [8]

2. [ ][ ]
   (User Number)

   Enter user number.
   Enter the 2-digit user number (03-16) for the user you are adding or changing.

3. [ ][ ][ ][ ]
   (User's Code)

   Enter user's code.
   Enter the new 4-digit security code for that user.

Changing the Master Code

Follow tbe procedure for changing a user's code, but enter user 02. Additionally, when changing the Master code, you must perform step 3 twice with the same user code entry so that the new Master code will be accepted by the system.

To Delete a User

1. □ □ □ □ + [8]
   (Master Code)

   Enter 4-digit Master code, then press the [8] key.

   Example: Press [2] [0] [5] [9] then [8]

2. □ □
   (User Number)

   Enter user number.
   Enter the 2-digit user number (03-16) for the user whose code you are deleting.

3. ----------

   Stop.
   Wait (about 3 seconds) until the keypad beeps once before pressing any other key. The code is automatically deleted.

Testing the System
(To be conducted weekly)

Using the [5] Key
TEST

The TEST key puts your system into a TEST mode, which allows each protection point to be checked for proper operation. The keypad sounds a single beep every 30 seconds as a reminder that the system is in this TEST mode.

NOTE: An alarm message will not be sent to your alarm monitoring company during the following tests.

1. ****** DISARMED******
   READY TO ARM

   Disarm the system.
   Disarm the system and close all protected windows, doors, etc. The **READY** message should be displayed and the green READY indicator (if present on the keypad) should also be lit.

2. [ ][ ][ ][ ] + [5]
   (Security Code) **TEST**

   Enter 4-digit security code, then press TEST key.
   Example: Press [7] [2] [9] [6] then [5]

3. **Listen.**
   The external sounder should sound for 2 seconds and then turn off.
   If the sounder does not sound, **CALL FOR SERVICE IMMEDIATELY**.

4. **Fault zones.**
   Open each protected door and window in turn and listen for three beeps from the keypad. Identification of each faulted protection point should appear on the display. The display will clear when the door or window is closed.

Walk in front of any interior motion detectors (if used) and listen for three beeps. The keypad should display the identification of the detector when the detector is activated. The display will clear when no motion is detected. Note that if you are using wireless motion detectors, there is a 3-minute delay between activations. This is to conserve battery life.

To test all smoke detectors, follow the manufacturer's instructions. The keypad should display the identification of each detector when each is activated.

If you experience a problem with any protection point (no confirming sounds, no display), **CALL FOR SERVICE IMMEDIATELY.**

When you have checked (and closed, where necessary) all protection points, no zone identification numbers should be displayed on the keypad.

When you complete testing, exit the TEST mode by continuing with step 5.

5. ☐☐☐☐ + [1]
(Security Code) **OFF**

Exit TEST mode.
Enter your security code and press the OFF key.

If you inadvertently leave the test mode active, it automatically turns off after approximately 4 hours.

Trouble Conditions

Typical Check Displays

The word **CHECK** on the keypad's display, accompanied by a rapid beeping at the keypad, indicates a trouble condition in the system. The displays in parentheses in the left column below may appear on non-alpha keypads when the associated trouble condition is present.

To silence the beeping sound for "check" conditions, press any key.

CHECK + Zone Descriptors	Indicates that a problem exists with those zone(s)*. First, determine why the zone(s) displayed are faulted (open window or door; open or shorted zone terminals; etc.) and correct the problem. If the zone(s) contain a wireless detector, check that changes in the room (moving furniture, televisions, etc.) are not blocking wireless signals to/from the detector. If the problem has been corrected, the zone descriptor(s) and **CHECK** should disappear from the keypad display. If not, key an OFF sequence (enter the 4-digit security code, then press the OFF key) to clear the display. A "Check" condition can also indicate a wiring problem (opens or shorts, for instance). If the **CHECK** display persists, **CALL FOR SERVICE IMMEDIATELY.** Note that the system will not allow arming if a "Check" condition exists. To arm the system with a "Cbeck" condition present, you must first bypass the zone(s) having the "Check" condition. **NOTE:** Zone 9 represents a problem with wireless receivers or other system devices, which are not user-serviceable. **CALL FOR SERVICE IMMEDIATELY.**

Telco Fault (or **CHECK** and zone **94**)

If the telephone line monitor feature has been programmed for your system, this display indicates that the telephone line has been disconnected or cut. In some systems, this display is accompanied by a trouble sound from the keypad and an external sounder. **CONTACT YOUR SERVICE COMPANY IMMEDIATELY.**

To silence the trouble sound, enter your security code plus OFF.

COMM. FAILURE (or **FC**)

Indicates that a failure has occurred in the telephone communication portion of your system. **CALL FOR SERVICE IMMEDIATELY.**

SYSTEM LO BAT (or **BAT** with no zone no.)

Indicates that a low system battery condition exists, and is accompanied by a once-per-minute beeping* at the keypad. **CALL FOR SERVICE IMMEDIATELY.**

*You can stop the beeping that accompanies a low-battery display by entering an OFF sequence (security code + OFF).

LO BAT + zone descriptor (or **BAT** with zone no.)

Indicates that a low-battery condition exists in the wireless transmitter** displayed, and is accompanied by a once-per-minute beeping at the keypad. **CALL FOR SERVICE IMMEDIATELY.**

** Not all systems use wireless transmitters.

MODEM COMM (or **CC**)

Indicates that the control is on-line with the central station's remote computer. The control will not operate while on-line. Wait a few minutes. The display should disappear.

Trouble Conditions (cont'd)

POWER indicator (if present) is off. **AC LOSS** is displayed.	The system is operating on battery power only. If only some lights are out on the premises, check circuit breakers and fuses and reset or replace as necessary. **CALL FOR SERVICE IMMEDIATELY** if AC power cannot be restored to the system.
Busy-Standby (or **dI**)	If this remains displayed for more than 1 minute, system is disabled. **CALL FOR SERVICE AT ONCE.**
OPEN CIRCUIT (or **OC**)	The keypad is not receiving signals from the control. **CALL FOR SERVICE AT ONCE.**
Long Rng Trbl (or **bF**)	If programmed, backup Long Range Radio communication has failed. **CALL FOR SERVICE AT ONCE.**
Bell failure (or **CHECK 70**)	Bell/Siren supervision failure. **CALL FOR SERVICE AT ONCE.**
RF Jam (or **Cbeck 90**)	If enabled and a Receiver Jam is detected, a report will be sent to the monitoring station and at the same time a **Rcvr Jam** message will toggle witb the present display on the alpha keypad. When the jam condition is cleared, a Restore message is sent to the monitoring station. To clear the keypad display, enter your 4-digit code and [1] (OFF) key.

Fire Alarm System

(If Installed)

General Information

Your fire alarm system (if installed) is active 24 hours a day, providing continuous protection. In the event of an emergency, the installed smoke and heat detectors will automatically activate your security system, triggering a loud, interrupted sound from the keypad. Optional exterior sounders will also produce an interrupted sound. Your keypad will display a **FIRE** message (with zone location) until you silence and clear the alarm display.

In Case of Fire

1. Should you become aware of a fire emergency *before* your detectors sense the problem, go to your nearest keypad and press the single panic key (or panic key pair) assigned as FIRE emergency (if programmed by the installer) and hold it down for at least 2 seconds. The alarm will sound.
2. Evacuate all occupants from the premises.
3. If flames and/or smoke are present, leave the premises and notify your local fire department immediately.
4. If no flames or smoke are apparent, investigate the cause of the alarm. The keypad will display the zone descriptor of the zone(s) in an alarm condition.

Silencing a Fire Alarm

1. Silence the alarm by pressing the [1] OFF key.

   To clear the alarm display, enter your security code and press the [1] OFF key again.

2. If the keypad indicates a trouble condition after the second OFF sequence, check smoke detectors to see if they are responding to smoke or heat-producing objects in their vicinity. Should this be the case, eliminate the source of heat or smoke.
3. If this does not remedy the problem, there may still be smoke in the detector. Clear it by fanning the detector for about 30 seconds.
4. When the problem has been corrected, clear the display by entering your code and pressing the 1 (OFF) key.

Recommendations for Proper Protection

THE FOLLOWING RECOMMENDATIONS FOR THE LOCATION OF FIRE AND BURGLARY DETECTION DEVICES HELP PROVIDE PROPER COVERAGE FOR THE PROTECTED PREMISES.

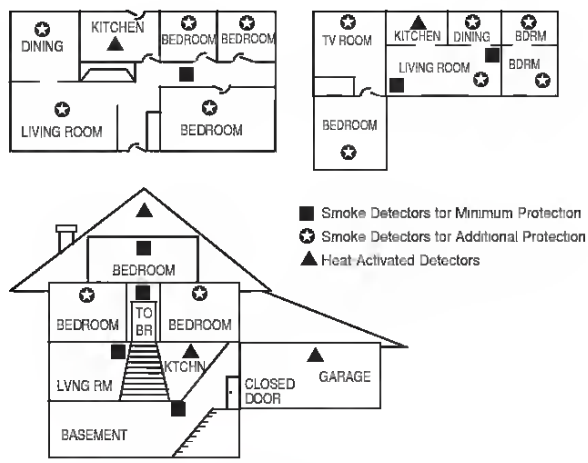
Recommendations for Smoke and Heat Detectors

With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's (NFPA) Standard #72, noted below.

> Early-warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: For minimum protection, a smoke detector should be installed outside of each separate sleeping area, and on each additional floor of a multi-floor family living unit, including basements. The installation of smoke detectors in kitchens, attics (finished or unfinished), or in garages is not normally recommended.

For additional protection, the NFPA recommends that you install heat or smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), attic, furnace room, utility and storage rooms, basements, and attached garages.

Recommendations for Proper Protection *(cont'd)*



In addition, we recommend the following:

- Install a smoke detector inside every bedroom where a smoker sleeps.
- Install a smoke detector inside every bedroom where someone sleeps with the door partly or completely closed. Smoke could be blocked by the closed door. Also, an alarm in the hallway outside may not wake up the sleeper if the door is closed.
- Install a smoke detector inside bedrooms where electrical appliances (such as portable heaters, air conditioners, or humidifiers) are used.
- Install a smoke detector at both ends of a hallway if the hallway is more than 40 feet (12 meters) long.
- Install smoke detectors in any room where an alarm control is located, or in any room where alarm control connections to an AC source or phone lines are made. If detectors are not so located, a fire within the room could prevent the control from reporting a fire or an intrusion.

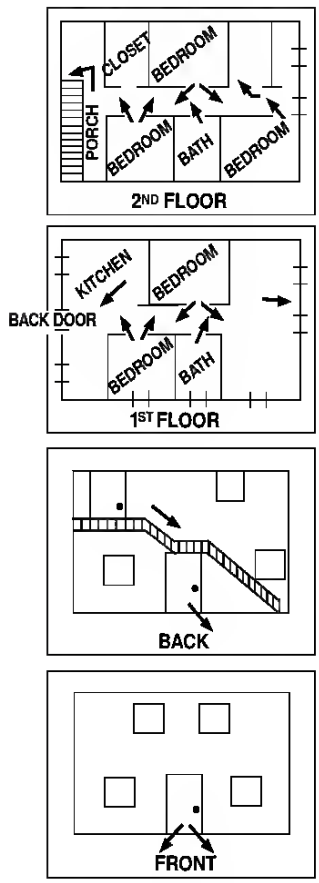
Recommendations for Proper Intrusion Protection

For proper intrusion coverage, sensors should be located at every possible point of entry to a home or commercial premises. This includes skylights and upper windows in a multi-level building.

In addition, we recommend that radio backup be used in a security system so that alarm signals can still be sent to the alarm monitoring station in the event that the telephone lines are out of order (alarm signals are normally sent over the phone lines, if connected to an alarm monitoring station).

Emergency Evacuation

Establisb and regularly practice a plan of escape in the event of fire. Tbe following steps are recommended by the National Fire Protection Association:



1. Position your detector or your interior and/or exterior sounders so that they can be heard by all occupants.
2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other should be an alternative route, such as a window, should your primary escape patb be impassable. Station an escape ladder at such windows if there is a long drop to the ground.
3. Sketch a floor plan of the building. Show windows, doors, stairs, and rooftops that can be used to escape. Indicate escape routes for each room. Keep these routes free from obstruction and post copies of the escape routes in every room.
4. Assure that all bedroom doors are shut while you are asleep. This will prevent deadly smoke from entering while you escape.
5. To determine which escape path to use during a fire, first feel the door. If it is hot, check your alternate escape route. If the door is cool, open it cautiously. Be prepared to slam the door if smoke or heat rushes in.
6. Where smoke is present, crawl on the floor; do not walk upright. Smoke rises and may overcome you. Clearer air is near the floor.
7. Escape quickly; don't panic.
8. Establish a common meeting place outdoors, away from your house, where everyone can meet and then take steps to contact the authorities and account for those missing. Choose someone to assure that nobody returns to the house — many die going back.

Taking Care of Your System

The components of your security system are designed to be as maintenance-free as possible. However, to make sure that your system is in reliable working condition:

1. Test your system weekly.
2. Test your system after any alarm occurs (see ***Testing the System*** section).

Replacing Batteries in Wireless Sensors

Wireless sensors may not have been installed in your security system.

Each wireless sensor in your system has a 9-volt or 3-volt battery. The system detects a low battery in any wireless sensor, including smoke detectors, the optional personal emergency transmitter, and the optional portable wireless keypad. (The system detects a low battery in a portable wireless keypad as soon as one of its keys is pressed, and responds be displaying **00** on the wired keypad.)

Alkaline batteries provide a minimum of 1 year of operation, and in most units and applications, provide 2–4 years of service. Three-volt lithium batteries provide up to 4 or more years of operation. Actual battery life depends on the environment in which the sensor is used, the number of signals that the transmitter in the sensor has to send, and the specific type of sensor. Factors such as humidity, high or low temperatures, or large swings in temperature may all lead to the reduction of actual battery life in an installation.

If you have a low battery in a wireless sensor, the keypad displays a **LOW BATTERY** message. In addition, a battery-operated smoke detector with a low battery emits a single "chirp" sound approximately once every 20–30 seconds, identifying itself as the smoke detector with the weak battery.

NOTE: The **LOW BATTERY** message comes on as a warning that battery replacement in the indicated sensor(s) is due within 30 days. In the meantime, the sensor causing the low-battery indication is still fully operational.

Important: Use only batteries recommended by your installer as replacement.

Silencing Low Battery Warning Tones at the Keypad

You can silence the keypad's warning tones by pressing the [1 OFF] key, but the keypad's **LOW BATTERY** message display will remain on as a reminder that you have a low-battery condition in one or more of your sensors. When you replace the weak battery with a fresh one, the sensor will send a "good battery" signal to the control as soon as the sensor is activated (opening/closing of door, window, etc.), causing the **LOW BATTERY** display to turn off. If the sensor is not activated, the display will automatically clear within approximately 1 hour.

Routine Care

- Treat the components of your security system as you would any other electrical equipment. Do not slam sensor-protected doors or windows.
- Keep dust from accumulating on the keypad and all protective sensors, particularly on motion sensors and smoke detectors.
- The keypad and sensors should be cleaned carefully with a dry soft cloth. ***Do not spray water or any other fluid on the units.***

Quick Guide to System Functions

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press [✳]	Do this to view faulted zones when system is not ready.
Arm System	Enter code or press # Press arming key desired (AWAY, NIGHT-STAY*, STAY, INSTANT, MAXIMUM) * Press STAY twice in rapid succession to arm NIGHT-STAY	Do this to arm the system in the mode selected.
Disarm System	Enter code Press OFF [1]	Do this to disarm the system and silence alarms.
Bypass Zones	Enter code Press [6] Enter zone numbers to be bypassed (use 2-digit entries)	Do this to bypass protection zones. Bypassed zones are unprotected and will not cause an alarm if violated.
Quick Bypass	Enter code Press [6] and stop	Do this to bypass all faulted zones automatically, if programmed.
Chime Mode ON	Enter code Press CHIME [9]	Do this to turn on CHIME mode. Keypad will sound if doors or windows are violated while system is disarmed.
Chime Mode OFF	Enter code Press CHIME [9]	Do this to turn CHIME mode off.
Test Mode ON	Enter code Press [5]	Do this to enter TEST mode. Sounds alarm sounder and allows sensors to be tested.
Test Mode OFF	Enter code Press OFF [1]	Do this to turn TEST mode off. System returns to normal mode.
Add or Change a User	Enter Master code Press [8] key Enter user's 2-digit user no. Enter code for that user	Do this to add or change a user code.
Delete a User	Enter Master code Press [8] key Enter user number to be deleted	Do this to delete a user code from the system.
Change a Master Code	Enter Master code Press [8] key Press [0] + [2] (master user no.) Enter new 4-digit Master code Enter new Master code again	Do this to change the existing Master code.

Summary of Audible Notification
(Alpha Display Keypads)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & External	FIRE ALARM	**FIRE** is displayed, descriptor of zone in alarm is displayed.
LOUD, CONTINUOUS* Keypad & External	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed; descriptor of zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Keypad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE c. BYPASS VERIFY	a. **SYSTEM READY** is displayed. b. The number and descriptor of the open protection zone is displayed. c. Numbers and descriptors of the bypassed protection zones are displayed (one beep is heard for each zone displayed). Subsequently, the following is displayed. **ZONE BYPASSED SYSTEM READY.**
ONE SHORT BEEP (once every 40 seconds) Keypad only	SYSTEM IS IN TEST MODE	Opened zone identifications will appear.
ONE BEEP (once every 40 seconds) Keypad only	LOW BATTERY AT A TRANSMITTER	**LO BAT** displayed with description of transmitter.
TWO SHORT BEEPS Keypad only	ARM AWAY OR MAXIMUM	**ARMED AWAY** or **ARMED MAXIMUM** displayed. Red ARMED indicator lit.
THREE SHORT BEEPS Keypad only	a. ARM STAY, NIGHT-STAY, OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE	a. **ARMED STAY** or **ARMED INSTANT** displayed. Red ARMED indicator lit. b. **CHIME** displayed, descriptor of open protection zone displayed if the [*] key is pressed.
RAPID BEEPING Keypad only	a. TROUBLE b. MEMORY OF ALARM c. BELL FAILURE d. SYSTEM LOW BATTERY e. LAST 10 SECONDS OF EXIT DELAY	a. **CHECK** displayed; descriptor of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed, descriptor of zone in alarm is displayed. c. **BELL FAILURE** or **CHECK 70** is displayed. d. **SYSTEM LO BAT** or **BAT** is displayed. e. **ARMED AWAY** or **ARMED MAXIMUM** is displayed along with **You may exit now.**
SLOW BEEPING Keypad only	a. EXIT DELAY WARNING (if programmed) b. ENTRY DELAY WARNING	a. **ARMED AWAY** or **ARMED MAXIMUM** is displayed along with **You may exit now.** b. **DISARM SYSTEM OR ALARM WILL OCCUR** is displayed. Exceeding the delay time without disarming causes alarm.

* If a bell is used as external sounder, fire alarm is *pulsed ring;* burglary/audible emergency is *steady ring.*

Glossary

The following terms are used throughout the manual.

ARM/DISARM: "Armed" simply means that the burglary portion of your system is turned ON and is in a state of readiness. "Disarmed" means that the burglary system is turned OFF, and must be re-armed to become operational. However, even in a "disarmed" state, "emergency" and "fire" portions of your system are still operational.

KEYPAD: This is the area on your keypad containing numbered pushbuttons similar to those on telephones or calculators. These keys control the arming and disarming of the system, and perform other functions described in this manual.

ZONE: A specific area of protection.

BYPASS: To disarm a specific area of burglary protection while leaving other areas operational.

DELAY ZONE: An area of protection containing doors most frequently used to enter or exit (typically, a front door, back door, or door from the garage into the building). The delay zone allows sufficient time for authorized entry or exit without causing an alarm. Consult your installer for the entry and exit delay times that have been set for your system during installation, and record them in the space provided in "Entry/exit delays."

DAY/NIGHT ZONE: An area of protection whose violation causes a trouble indication during the disarmed (DAY) mode and an alarm during the armed (NIGHT) mode.

UL NOTICE: This is a "GRADE A" system.

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT

This equipment has heen tested to FCC requirements and has heen found acceptahle for use. The FCC requires the following statement for your information

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has heen type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonahle protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can he determined hy turning the equipment off and on, the user is encouraged to try to correct the interference hy one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Re-orient the receiving antenna until interference is reduced or eliminated.
- Move the receiver away from the control/communicator.
- Move the antenna leads away from any wire runs to the control/communicator.
- Plug the control/communicator into a different outlet so that it and the receiver are on different hranch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.

The user or installer may find the following hooklet prepared hy the Federal Communications Commission helpful. "Interference Handhook." This hooklet is availahle from the U S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized hy the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

IN THE EVENT OF TELEPHONE OPERATIONAL PROBLEMS

In the event of telephone operational prohlems, disconnect the control hy removing the plug from the RJ31X (CA38A in Canada) telephone wall jack. We recommend that your certified installer demonstrate disconnecting the phones on installation of the system. Do not disconnect the phone connection inside the control/communicator. Doing so will result in the loss of your phone lines. If the regular phone works correctly after the control/communicator has heen disconnected from the phone lines, the control/communicator has a prohlem and should he returned for repair. If, upon disconnection of the control/communicator, there is still a prohlem on the line, notify the telephone company that they have a prohlem and request prompt repair service. The user may not under any circumstances (in or out of warranty) attempt any service or repairs to the system. It must he returned to the factory or an authorized service agency for all repairs.

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 68 NOTICE

This equipment complies with Part 68 of the FCC rules. On the front cover of this equipment is a lahel that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following jacks:

An RJ31X is used to connect this equipment to the telephone network.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, hut not all areas, the sum of the RENs should not exceed five (5.0). To he certain of the numher of devices that may he connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact the manufacturer for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the prohlem is resolved.

There are no user serviceable components in this product, and all necessary repairs must be made by the manufacturer. Other repair methods may invalidate the FCC registration on this product.

This equipment cannot he used on telephone company-provided coin service. Connection to Party Line Servicc is suhject to state tariffs.

This equipment is hearing-aid compatible.

When programming or making test calls to an emergency number, briefly explain to the dispatcher the reason for the call. Perform such activities in the off-peak hours; such as early morning or late evening.

WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or fire or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g., passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery-operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second-floor detector, for example, may not sense a first-floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can detect intrusion only within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows. Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.

WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM (cont'd)

- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled by a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telepbone lines are also subject to compromise by sopbisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though tbis equipment is designed to last as long as 10 years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all sensors and transmitters are working properly.

Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

SERVICING INFORMATION

Your local ADEMCO Alarm dealer is the person best qualified to service your alarm system. Arranging some kind of regular service program with him is advisable.

Your local ADEMCO Alarm dealer is:

Name: _____

Address: _____

_____

Phone: _____

CANADIAN DEPARTMENT OF COMMUNICATIONS (DOC) STATEMENT

NOTICE

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single-line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

AVIS

L'étiquette du ministère des Communications du Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Le ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunications. Le materiel doit également être installé en suivant une méthode acceptée de raccordement. Dans certains cas, les fils intérieurs de l'entreprise utilisés pour un service individuel à la ligne unique peuvent être prolongés au moyen d'un dispositif homologué de raccordement (cordon prolongateur téléphonique interne). L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchet pas la dégradation du service dans certaines situations. Actuellement, les entreprises de télécommunications ne permettent pas que l'on raccorde leur matériel aux prises d'abonnés, sauf dans les cas precis prévus par les tarifs particuliers de ces entreprises.

Les réparations du matériel homologué doivent être effectuées pas un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise en terre de la source d'énergie électrique, des lignes téléphoniques de réseau de conduites d'eau s'il y en a, soient raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

Avertissement: L'utilisateur ne doit pas tenter de faire ces raccordements lui-même il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice de charge (IC) assigné à chaque dispositif terminal pour éviter toute surcharge indique le pourcentage de la charge totale qui peut être raccordé à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100.

OWNER'S INSURANCE PREMIUM CREDIT REQUEST

This form should be completed and forwarded to your homeowner's insurance carrier for possible premium credit.

A. GENERAL INFORMATION:

Insured's Name and Address: _____

_____

Insurance Company: _____ Policy No.: _____

VISTA-15 Other _____

Type of Alarm: ☐ Burglary ☐ Fire ☐ Both

Installed by: _____ Serviced by: _____

Name Name

_____ _____

Address Address

B. NOTIFIES (Insert B = Burglary, F = Fire)

Local Sounding Device _____ Police Dept. _____ Fire Dept. _____

Central Station ☐ Name: _____

Address: _____

Phone: _____

C. POWERED BY: A.C. With Rechargeable Power Supply

D. TESTING: ☐ Quarterly ☐ Monthly ☐ Weekly ☐ Other _____

continued on other side

OWNER'S INSURANCE PREMIUM CREDIT REQUEST (cont.)

E. SMOKE DETECTOR LOCATIONS

☐ Furnace Room ☐ Kitchen ☐ Bedrooms ☐ Attic

☐ Basement ☐ Living Room ☐ Dining Room ☐ Hall

F. BURGLARY DETECTING DEVICE LOCATIONS:

☐ Front Door ☐ Basement Door ☐ Rear Door ☐ All Exterior Doors

☐ 1st Floor Windows ☐ All windows ☐ Interior locations

☐ All Accessible Openings, Including Skylights, Air Conditioners and Vents

G. ADDITIONAL PERTINENT INFORMATION:

_____

_____

_____

_____

_____

Signature: _____ Date: _____

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ADEMCO ONE YEAR LIMITED WARRANTY

Alarm Device Manufacturing Company, a Division of Pittway Corporation, and its divisions, subsidiaries and affiliates ("Seller"), 165 Eileen Way, Syosset, New York 11791, warrants its security equipment (the "product") to be free from defects in materials and workmanship for one year from date of original purchase, under normal use and service. Seller's obligation is limited to repairing or replacing, at its option, free of charge for parts, labor, or transportation, any product proven to be defective in materials or workmanship under normal use and service. Seller shall have no obligation under this warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than the Seller. In case of defect, contact the security professional who installed and maintains your security equipment or the Seller for product repair.

This one year Limited Warranty is in lieu of all other express warranties, obligations or liabilities. THERE ARE NO EXPRESS WARRANTIES, WHICH EXTEND BEYOND THE FACE HEREOF. ANY IMPLIED WARRANTIES, OBLIGATIONS OR LIABILITIES MADE BY SELLER IN CONNECTION WITH THIS PRODUCT, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, ARE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. ANY ACTION FOR BREACH OF ANY WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN 12 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT. Some states do not allow limitation on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Seller does not represent that the product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery, fire or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. HOWEVER, IF SELLER IS HELD LIABLE, WHETHER DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OR ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. No increase or alteration, written or verbal, to this warranty is authorized.

ADEMCO GROUP

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